

Certificate of Design Application

Enom Designan	Thomas F. Tedrow			
From Designer:				
Date:	9/9/2015			
Job Name:	Workout Anytime - Portland, ME			
Address of Construction:	1100 Brighton Avenue, Unit 12			
Con	2009 International struction project was designed to the	0	ria listed below:	
D '11' C 1 e V 2009 ib		() A-3		
	Use Group Classificatio	n (s) A-3		
Type of Construction IIB Sp	prinklered			
Will the Structure have a Fire su	ppression system in Accordance with	Section 903.3.1 of the 2	2009 IRC Yes	
Is the Structure mixed use? No	If yes, separated or non sep	parated or non separated	d (section 302.3)	
Supervisory alarm System? Yes	Geotechnical/Soils report r	required? (See Section 1	802.2) No	
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Structural Design Calculation	as		_Live load reduction	
N/A Submitted for all structural members (106.1 – 106.11)			Roof <i>live</i> loads (1603.1.2, 1607.11)	
	D		Roof snow loads (1603.7.3, 1608)	
Design Loads on Construction Documents (1603) Uniformly distributed floor live loads (7603.11, 1807) Floor Area Use Loads Shown			Ground snow load, Pg (1608.2)	
			If $Pg > 10$ psf, flat-roof snow load pf	
			If $Pg > 10$ psf, snow exposure factor, C_{ℓ}	
			If $P_g > 10$ psf, snow load importance factor,	
			Roof thermal factor, $_{\widetilde{G}}$ (1608.4)	
			Sloped roof snowload, Pt(1608.4)	
Wind loads (1603.1.4, 1609)			Seismic design category (1616.3)	
Design option util	ized (1609.1.1, 1609.6)		Basic seismic force resisting system (1617.6.2)	
Basic wind speed (1809.3)			Response modification coefficient, R_I and	
Building category and wind importance Factor, hv			deflection amplification factor _{Cl} (1617.6.2)	
Wind exposure car	table 1604.5, 1609.5)" tegory (1609.4)		Analysis procedure (1616.6, 1617.5)	
Internal pressure coe	efficient (ASCE 7)		Design base shear (1617.4, 16175.5.1)	
Component and cladding pressures (1609.1.1, 1609.6.2.2)		Flood loads (Flood loads (1803.1.6, 1612)	
Main force wind pressures (7603.1.1, 1609.6.2.1)			Flood Hazard area (1612.3)	
Earth design data (1603.1.5, 1614-1623)			Elevation of structure	
Design option utilized (1614.1)		Other loads	_	
Seismic use group ("Category")			Concentrated loads (1607.4)	
Spectral response coefficients, SDs & SD1 (1615.1)		_	Partition loads (1607.5)	
Site class (1615.1.5)			Misc. loads (Table 1607.8, 1607.6.1, 1607.7,	

1607.12, 1607.13, 1610, 1611, 2404